Express Mail Label: EV 695508653 US Date of Deposit: November 11, 2005



Page 1 of 3 Attorney Docket No.: 24024-505 CON

Please type a plus sign (+) in this box +

Modified Form 1449/PTO

Application Number	10/774,843		
Filing Date	February 9, 2004		
First Named Inventor	Peled		
Group Art Unit	1633		
Examiner Name	Anne Marie Sabrina Wehbe		
Attorney Docket Number	24024-505 CON		

						Filing Date	Februar	February 9, 2004		
		INFO	RMATION DISCL	OSURE		First Named Inventor	Peled			
		STAT	EMENT BY APP	LICANT		Group Art Unit	1633	_		
						Examiner Name	Anne M	arie Sabr	ina Wehbe	
		(use	as many sheets as nec	cessary)		Attorney Docket Number	24024-5	505 CON		
<u> </u>	U.S. PA					PATENT DOCUMENTS				
Exa		Cite U.S. Patent No. Document No.		Issue Date Name of		me of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate	
<u> </u>	Æ	*A10	4,866,052	09/12/89	Hid	er et al.				
	ı	*A11	5,631,219	05/20/97	Ros	senthal et al.				
	*A12 5,741,899 04/21/98 Capon		pon et al.							
		*A13	5,770,378	06/23/98	Hw	ang et al.				
		*A14	5,770,580	06/23/98	Lec	iley et al.				
		*A15	5,776,699	07/07/98	Kle	in et al.				
		*A16	5,789,245	04/04/98	Dul	bensky Jr. et al.				
		*A17	5,789,543	04/04/98	Ing	ham et al.				
		*A18	5,792,751	08/11/98	Lec	lley et al.				
		*A19	5,814,482	09/29/98	Dul	bensky Jr. et al.				
		*A20	5,837,544	11/17/98	Ca	pon et al.				
		*A21	5,843,723	01/01/98	Dul	bensky Jr. et al.				
		*A22	5,844,079	01/01/98	Ing	ham et al.				
		*A23	5,851,832	12/22/98	We	liss et al.				
		*A24	5,851,984	12/22/98	Ma	tthews et al.				
		*A25	5,877,207	02/02/99	Kle	in et al.				
		*A26	5,945,309	08/31/99	Ni e	et al.				
		*A27	5,952,345	09/14/99	Kle	in et al.				
		*A28	5,958,954	09/28/99	Kle	in et al.				
		*A29	5,990,329	11/23/99	Kla	us et al.			٠	
		*A30	6,008,204	12/28/99	Kle	in et al.				
		*A31	6,015,686	01/18/00	Dul	bensky Jr. et al.				
		*A32	6,015,694	01/18/00	Dul	bensky Jr. et al.				
		*A33	6,063,797	05/16/00	Fes	sus et al.		1		
		*A34	6,077,947	06/20/00	Ca	pon et al.				
		*A35	6,090,810	07/18/00	Kle	in et al.				
<u> </u>		*A36	6,117,850	09/12/00	Pat	chen et al.				
	L	*A37	6,130,230	10/10/00	Chi	ambon et al.				
<u></u>	<u> </u>	*A38	6,133,309	10/17/00	Bol	lag et al.				
	_	*A39	6,165,747	12/26/00	Ing	ham et al.				
_	<u> </u>	*A40	6,218,128	04/17/01	-	in et al.		 		
	<u> </u>	*A41	6,228,848	08/08/01	Kle	in et al.	<u> </u>	 		
	<u> </u>	*A42	6,232,291	05/15/01	₩	et al.		<u> </u>		
1	/	*A43	6,261,786	07/17/01		rigo et al		 		
<u></u> `	V	*A44	6,270,964	07/07/01	Mic	hnick et al.		<u> </u>		

Express Mail Label: EV 695508653 US Date of Deposit: November 11, 2005 Page 2 of 3 Attorney Docket No.: 24024-505 CON

					·					
ML	*A45	6,271	,363	C	7/07/01	Ingham et al.				
	*A46	6,284	,540	C	04/04/01	Milbrandt et al.				
	*A47	6,294	,330	0	9/25/01	Michnick et al.				
	*A48	6,306	575	1	10/23/01	Thomas et al.				
	*A49	6,329	,169	1	2/11/01	Ni et al.				
	*A50	6,338,	942	0)1/15/02	Kraus et al.		1		
	*A51	6,342,	,219	٥	01/29/02	Thorpe et al.				
	*A52	6,342	,221	C)1/29/02	Thorpe et al.				
	*A53	6,342,	,372	01/29/02	Dubensky Jr. et al.		<u> </u>	ļ		
	*A54	6,342,	581	2)1/29/02	Rosen et al.				
	*A55	6,372,	,210	٥	04/16/02	Brown		.		·····
	*A56	6,372	473	9)4/16/02	Moore et al.				
علد	*A57	6,376,	,236	2)4/23/02	Dubensky Jr. et al.				
<u></u>	*A58	6,384,	192	0	7/07/02	Ingham et al.				
F	1 614-	110	Published			BLISHED APPLICATION DOCUMENTS	Class	Sub	em	Dota
Exam Initials	Cite No.		cation No.		Published Date	Name of Patentee(s) or Applicant(s)	Class	Class		ng Date If ropriat
ML	*A59	2003/0	0113913		06/19/03	Purton				
					F	OREIGN PATENT DOCUMENTS				
Exam Initials	Cite No.	Foreig Office	n Patent Do Number	CL	ument	Name of Patentee(s) or Applicant(s)	Date of Publicati	lon	Trans Yes	lation No
ML	В6	wo	93/09220			CORREA, Paulo	05/13/93	3		
1	B7	wo	99/07831			DOMPE S.P.A.	02/18/99)		
一	B8	wo	00/30635	 5		THE UNIV. OF WESTERN ONTARIO	06/02/0	0		·
lack lack	B9	EP	0 331 46	4	A2	TOSOH CORPORATION	09/06/8	9		<u> </u>
	I		', 	_		RT - NON PATENT LITERATURE DOCUME	NTS			
Exam Initials	Cite No.	Nan		-		appropriate), Publication, Volume, Page(s), D		··		
ML	C104	Ben	ardi et al. <i>Bi</i>	00	d, 89(10):3	554-3564 (1997)	-			
	C105	Brai	ndt et al. <i>Bio</i>	000	d, 94(1):106	5-113 (1999)				
	C106	Cak	ir-Kiefer et a	al.	Biochem. J	/., 358:399-406 (2001)		· · · · · ·		•
	C107	Cas	al et al. Bloc	od	, 97(6):162	5-1634 (2001)				
	C108	Che	n et al. Stro	ke	, 32:1005-1	1011 (2001)				-
	C109	Chis	si et al. Sten	n (Cells, 15:45	5-460 (1997)				
	C110	Def	acque et al.,	, <i>B</i>	liochem. Bio	ophys. Res. Commun., 220:315-322 (1996)				
	C111	De	Luca et al. E	Enc	docrinol., 14	41(1):346-353, abstract only (2000)				
	C112	De '	Wynter et al	1. 5	Stem Cells,	16:387-396 (1998)				
	C113	. Felc	lman GLOE	3E	S ONLINE	(2004)				
	C114	Gra	nde et al. <i>J</i> .	Le	eukoc. Biol.	, 71:641-651 (2002)				
	C115	Han	nilton The V	Na	ll Street J.	ONLINE (2003)				
	C116	Han	nmond et al.	. E	xp. Hemato	ol., 16:674-680 (1988)				
	C117	Hida	a et al. <i>Jpn</i> .	J.	Pharmacol	., 85:60-69 (2001)				
	C118	Hiro	se et al. Exp	ρ.	Cell Res., 2	221(2):294-300, abstract only (1995)				
	C119	Hma	ama et al. J.	. Ε	xp. Med., 1	90(11):1583-1594 (1999)				
$\mathbf{J}_{\mathbf{L}}$	C120	Holl	eman *Che	ml	cal Hazard	Information Profile Draft Report", abstract on	ily (1982)			
V	C121	Hua	ng et al. Ex	p.	Biol. Med.,	226(3):222-228 (2001)				

Express Mail Label: EV 695508653 US Date of Deposit: November 11, 2005 Page 3 of 3 Attorney Docket No.: 24024-505 CON

MI	<u> </u>	C122	Jiang et al. Proc. Natl. Acad. Sci. USA, 97(4):1749-1753 (2000)
		C123	Johnson et al. Bloorg. Med. Chem., 7(7):1321-1338 (1999)
		C124	Johnson et al. Blood, 99(3):746-753 (2002)
	ī	C125	Kang et al. Exp. Cell Res., 256:545-554 (2000)
П		C126	Kastner et al. Blood, 97(5):1314-1320, abstract only (2001)
		C127	Kishimoto et al. J. Biol. Chem., 273(25):15429-15434, abstract only (1998)
		C128	Lee et al. Leukemia, 10:1751-1757 (1996)
		C129	Matzner et al. Hum. Gene Ther., 12:1021-1033 (2001)
		C130	Mehta et al. <i>Blood</i> , 89(10):3607-3614, abstract only (1997)
	一	C131	Mehta et al. Leukemia and Lymphoma, 32(5/6):441-449 (1999)
	\neg	C132	Mills et al. Cell Growth Differ., 7(3):327-337, abstract only (1996)
	\neg	C133	Peled et al. Blood, 96(Part 1):776a-777a, abstract #3359 (2000)
	一	C134	Peled et al. Blood, 96(11 - Part 1):773a, abstract #3343 (2000)
		C135	Ratajczak et al. Br. J. Hematol., 93:772-782 (1996)
\Box		C136	Rusten et al. <i>Blood</i> , 87(5):1728-1736, abstract only (1996)
	丁	C137	Schmetzer et al. <i>Hematol.</i> , 2:11-19 (1997)
		C138	Sekhar et al. Hum. Gene Ther., 7:33-38 (1996)
		C139	Sergeant et al. J. Cell. Physiol., 163:477-485 (1995)
		C140	Shimakura et al. Stem Cells, 18:183-189 (2000)
		C141	Szilvassy et al. <i>Blood</i> , 98(7):2108-2115 (2001)
		C142	Todisco et al. <i>Blood</i> , 95(2)"535-542, abstract only (2000)
\Box		C143	Verlinden et al. J. Bone Mineral Res., 16(4):625-638 (2001)
		C144	Wendling et al. Proc. Natl. Acad. Sci. USA, 96(2):547-551 (1999)
	7	C145	Yin et al. <i>Blood</i> , 90(12):5002-5012 (1997)
_		C146	Zocchi et al. FASEB J., 13(2):273-283, abstract only (1999)

^{*} By the waiver of 37 CFR 1.98(a)(2)(i) copies of the U.S. Patents A10-A58 and of the U.S. Published Application A59 are not submitted.

Examiner Signature	/Maria Leavitt/	Date Considered	01/08/2007
-----------------------	-----------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

TRA 2091136v.1

Page 1 of 9 Attorney Docket No.: 24024-505 CON

O Prease type a plus sign (+) in this box	+	
---	---	--

PTO/SB (12-97)
Approved for use through 9/30/00. OMB 0651-0031
Putent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

T	Application Number	
Γ	Filing Date	
	First Named Inventor	
Γ	Group Art Unit	·
ľ	Examiner Name	
Γ	Attorney Docket Number	

U.S. PATENT DOCUMENTS

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
ML	*A60	3,687,808	08-29-1972	Merigan Jr. et al.			
1	*A61	4,036,945	07-10-1977	Haber		1	
	*A62	4,331,647	05-25-1982	Goldenberg			
	*A63	4,469,863	09-4-1984	Ts'o et al.			
	*A64	4,476,301	09-9-1984	Imbach et al.			
	*A65	4,687,808	08-18-1987	Jarrett et al.			
	*A66	4,816,567	03-28-1989	Cabilly et al.			
	*A67	4,868,116	09-19-1989	Morgan et al.	· · · · · · · · · · · · · · · · · · ·		
	*A68	4,946,778	07-7-1990	Ladner et al.		1	
	*A69	4,980,286	12-25-1990	Morgan et al.			
	*A70	5,013,830	07-7-1991	Ohtsuka et al.		<u> </u>	
	*A71	5,023,243	06-11-1991	Tullis			
	*A72	5,034,506	07-23-1991	Summerton et al.			
	*A73	5,149,797	09-22-1992	Pederson et al.			
	*A74	5,166,315	11-24-1992	Summerton et al.		 	<u> </u>
	*A75	5,166,320	11-24-1992	Wu et al.			
\top	*A76	5,177,196	05-5-1993	Meyer Jr. et al.		1	
_	*A77	5,185,444	09-9-1993	Summerton et al.		<u> </u>	
	.*A78	5,188,897	02-23-1993	Suhadolnik et al.		<u> </u>	
1	*A79	5,214,134	05-25-1993	Weis et al.		 	
1	*A80	5,216,141	01-1-1993	Benner			
1	*A81	5,220,007	06-15-1993	Pederson et al.			
十	*A82	5,235,033	08-10-1993	Summerton et al.	_	†	
1	*A83	5,256,775	10-26-1993	Froehler		1	
	*A84	5,264,423	11-23-1993	Cohen et al.	_	 	
lack	*A85	5,264,562	11-23-1993	Matteucci	_		

Page 2 of 9 Attorney Docket No.: 24024-505 CON

М	L *A86	5,264,564	11-23-1993	Matteucci		Т	
H	*A87	5,276,019	04-4-1994	Cohen et al.		1.	
	*A88	5,278,302	01-11-1994	Caruthers et al.		 	
	*A89	5,286,717	02-15-1994	Cohen et al.	- -	 	
	*A90	5,321,131	06-14-1994	Agrawal et al.		 	
	*A91	5,366,878	11-22-1994	Pedersen et al.		 	
	*A92	5,399,676	03-21-1995	Froehler		†	
	*A93	5,403,711	04-4-1995	Walder et al.	- 	·	
	*A94	5,405,938	04-11-1995	Summerton et al.			
	*A95	5,405,939	04-11-1995	Suhadolnik et al.			
	*A96	5,434,257	07-18-1995	Matteucci et al.		 	
	*A97	5,453,496	09-26-1995	Caruthers et al.		 	
	*A98	5,455,233	03-3-1995	Spielvogel et al.		1	
7	*A99	5,466,677	11-14-1995	Baxter et al.		† 	
	*A10	0 5,466,677	11-14-1995	Baxter et al.		 	
	*A10	1 5,470,967	11-28-1995	Hule et al.		<u> </u>	
	*A10	2 5,476,925	12-19-1995	Letsinger et al.			
	*A10	3 5,489,677	06-6-1996	Sanghvi et al.			
	*A10	4 5,491,133	02-13-1996	Walder et al.			:
	*A10	5 5,519,126	05-21-1996	Hecht			
	*A10	5,536,821	07-16-1996	Agrawal et al.			
	*A10	7 5,539,082	07-23-1996	Nielsen et al.			
	*A10	5,541,306	07-30-1996	Agrawal et al.			
	*A10	5,541,307	07-30-1996	- Cook et al.			
	*A11	5,545,806	08-13-1996	Lonberg et al.			
	*A11	5,545,807	08-13-1996	Surani et al.			
	*A11	2 5,550,111	08-27-1996	Suhadolnik et al.			
	*A11	5,561,225	01-1-1996	Maddry et al.			
	*A1,14	5,563,253	08-8-1996	Agrawal et al.			
	*A11:	5,565,350	10-15-1996	Kmiec			
	*A110	5,569,825	10-29-1996	Lonberg et al.			
	*A11	5,571,799	05-5-1996	Tkachuk et al.			
	*A11	5,587,361	12-24-1996	Cook et al.			
	*A11	5,596,086	01-21-1997	Mateucci et al.			
	*A120	5,602,240	02-11-1997	De Mesmaeker et al.			
_\	/ *A12	5,608,046	04-4-1997	Cook et al.			
A	*A122	5,610,289	03-11-1997	Cook et al.			

Page 3 of 9 Attorney Docket No.: 24024-505 CON

		1	.		T					 	
1	ML	*A123		618,704	08-8-1997	Sanghvi et al.		L.			
	1	*A124	5,	623,065	04-22-1997	Cook et al.					
		*A125	5,	623,070	04-22-1997	Cook et al.					
	T	*A126	5,	625,050	04-29-1997	Beaton et al.					
_	T	*A127	5,	625,126	04-29-1997	Lonberg et al.		t		 _	
	1	*A128	5,633,360 05-27-1997		05-27-1997	Bischofberger et al.				 	
	t	*A129	5,	633,425	05-27-1997	Lonberg et al.				 +	
	t	*A130	5,	652,355	07-29-1997	Metelev et al.		 			·
	╁╴	*A131	5,	652,356	07-29-1997	Agrawal	-	-		 _	
	┢	*A132	5,	661,016	08-26-1997	Lonberg et al.				 	
	t	*A133 5,663,312		02-2-1997	Chaturvedula			+-			
	┢	*A134	5,	677,437	10-14-1997	Teng et al.		-		 	
	┢	*A135	5,	677,439	10-14-1997	Weis et al.		-		 +	
	╁	*A136	5,	700,922	12-23-1997	Cook				 +	
	t	*A137	5,	714,331	03-3-1998	Buchardt et al.		_		-	
	t	*A138	5,	719,262	02-17-1998	Buchardt et al.					
	H	*Å139	6,:	326,174	04-4-2001	Joyce et al.				 +	
_	١,	*A140	6,8	887,704	03-3-2005	Peled et al.				 +	
-	₩	*A141	6,9	962,698	08-8-2005	Peled et al.		 		 	,
		<u></u> ,	- 77	riging to the con-	U.S. PUE	LISHED APPLICATION DOCUMENTS		L			
Exar	m als	Cite No.		. Published lication No.	Published Date	Name of Patentee(s) or Applicant(s)		ass	Sub	 Filin	g Date
			L				_	•	Clas	 1	if opriat
M	L	*A142	200	2/0114789	08-22-2002	Peled et al.					
ı		*A143	200	4/0076603	04-22-2004	Peled et al.					
		*A144	200	5/0031595	02-10-2005	Peled et al.					
		*A145	200	5/0054097	03-10-2005	Peled et al.					
		*A146	200	5/0054103	03-10-2005	Peled et al.	1-				
		7170		070004100		10.000.				 	
7	,	*A147	L	5/0118150	02-2-2005	Peled et al.	-			1	
1	1		200								
1	/	*A147	200	05/0118150	02-2-2005 09-29-2005	Peled et al.					
Exam		*A147 *A148	200	5/0118150	02-2-2005 09-29-2005 FO	Peled et al. Peled et al.	Date Publ	of	n	Translat Yes	ion No
Initia	als	*A147 *A148 Cite No.	200 200	5/0118150 5/0214262 gn Patent Doo	02-2-2005 09-29-2005 FO	Peled et al. Peled et al. REIGN PATENT DOCUMENTS Name of Patentee(s) or Applicant(s) WHITEHEAD INSTITUTE FOR	Publ	of icatio	on .		
Initia		*A147 *A148 Cite No.	200 200 Foreig	5/0118150 5/0214262 gn Patent Doo Number	02-2-2005 09-29-2005 FO	Peled et al. Peled et al. REIGN PATENT DOCUMENTS Name of Patentee(s) or Applicant(s) WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH;	Publ	icatio	on .		
Initia	als	*A147 *A148 Cite No. 1	200 200 Foreig	5/0118150 5/0214262 In Patent Doc Number 89/02468	02-2-2005 09-29-2005 FO	Peled et al. Peled et al. REIGN PATENT DOCUMENTS Name of Patentee(s) or Applicant(s) WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH; HOWARD HUGHES MED. INST.	03/2	icatio 3/89	on .		
Initia	als	*A147 *A148 Cite No. 1	200 200 Foreig	5/0118150 5/0214262 gn Patent Doo Number	02-2-2005 09-29-2005 FO	Peled et al. Peled et al. REIGN PATENT DOCUMENTS Name of Patentee(s) or Applicant(s) WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH;	03/2	icatio	on .		
Initia	als	*A147 *A148 Cite No. B10	200 200 Foreig Office WO	5/0118150 5/0214262 In Patent Doc Number 89/02468	02-2-2005 09-29-2005 FO	Peled et al. Peled et al. Peled et al. REIGN PATENT DOCUMENTS Name of Patentee(s) or Applicant(s) WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH; HOWARD HUGHES MED. INST. WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH; HOWARD HUGHES MED. INST.	03/2	icatio 3/89	on .		
Initia	als	*A147 *A148 Cite No. B10	200 200 Foreig	5/0118150 5/0214262 In Patent Doc Number 89/02468	02-2-2005 09-29-2005 FO	Peled et al. Peled et al. Peled et al. REIGN PATENT DOCUMENTS Name of Patentee(s) or Applicant(s) WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH; HOWARD HUGHES MED. INST. WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH;	03/2 06/1	icatio 3/89	on .		

Page 4 of 9 Attorney Docket No.: 24024-505 CON

		B13	wo	92/07573	SOMATIX THERAPY CORP.; HOWARD HUGHES MED. INST.; WHITEHEAD INST. FOR BIOMEDICAL; BRIGHAM & WOMEN'S HOSPITAL; N.E. CENTER HOSPITALS	05/14/92	
1	ML	B14	wo	97/41209	LEUVEN RES. & DEV. VZW	11/06/97	
	1	B15	wo	97/41224	AMCELL CORPORATION	11/06/97	
		B16	wo	99/18885	SANGOUARD ET AL.	04/22/99	
		B17	wo	03/062369 A2	GAMIDA-CELL LTD.	07/31/03	
		B18	wo	03/062404 A1	GAMIDA-CELL LTD.	07/31/03	
		B19	wo	03/078567 A2	GAMIDA-CELL LTD.	09/25/03	
		B20	wo	2004/016731 A2	GAMIDA-CELL LTD.	02/26/04	
		B21	wo	2004/078917 A2	GAMIDA-CELL LTD.	09/16/04	
		B22	AU	759522	GAMIDA-CELL LTD.;HADASIT MED. RES. SERV. DEV. LTD.	08/30/99	
	V	B23	AÜ	770896	GAMIDA-CELL LTD.;HADASIT MED. RES. SERV. DEV. LTD.	04/17/00	

	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS							
Exa Initi	m als	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
N	ſL	C147	Acsadi et al. "Human Dystrophin Expression in Mdx Mice After Intramuscular Injection of DNA Constructs", Nature, 352: 815-818, 1991.					
		C148	Armentano et al. "Expression of Human Factor IX in Rabbit Hepatocytes by Retrovirus-Mediated Gene Transfer: Potential for Gene Therapy of Hemophilia B", Proc. Natl. Acad. Sci. USA, 87: 6141-6145, 1990.					
		C149	Banno et al. "Anemia and Neutropenia in Eldery Patients Caused by Copper Deficiency for Long-Term Eternal Nutrition", Rinsho-Ketsueki, English abstract only, 35: 1276-1281, 1994.					
		C150	Belovari et al. "Differentiation of Rat Neural Tissue in A Serum-Free Embryo Culture Model Followed by In Vivo Transplantation", Croatian Medical Journal, 42(6): 611-617, 2001. Abstract.					
		C151	Berkner "Development of Adenovirus Vectors for the Expression of Heterologous Genes", BioTechniques, 6(7): 616-629, 1988.					
		C152	Bi et al. "Effect of Lactoferrin on Proliferation and Differentiation of the Jurkat Human Lymphoblastic T Cell Line", Arch. Immunol. Ther. Exp., 45(4): 315-320, 1997. Abstract.					
		C153	Bird et al. "Single-Chain Antigen-Binding Proteins", Science, 242: 423-426, 1988.					
		C154	Boerner et al. "Production of Antigen-Specific Human Monoclonal Antibodies From In Vitro-Primed Human Splenocytes", The Journal of Immunology, 147(1): 86-95, 1991.					
		C155	Briddell et al. "Purification of CD34+ Cells Is Essential for Optimal Ex Vivo Expansion of Umbilical Cord Blood Cells", Journal of Hernatotherapy, 6: 145-150, 1997.					
		C156	Brigham et al. "Rapid Communication: In Vivo Transfection of Murine Lungs With A Functioning Prokaryotic Gene Using A Liposome Vehicle", The American Journal of the Medical Sciences, 298(4): 278-281, 1989.					
		C157	Brugger et al. "Ex Vivo Expansion of Enriched Peripheral Blood CD34+ Progenitor Cells by Stem Cell Factor, Interleukin-1β (IL-1β), IL-6, IL-3, Interferon-γ, and Erythropoietin", Blood, 81(10), 2579-2584, 1993.					
		C158	Brugnera et al. "Cloning, Chromosomal Mapping and Characterization of the Human Metal-Regulatory Transcription Factor MTF-1", Nucleic Acids Research, 22(15): 3167-3173, 1994.					
		C159	Buskin et al. "Identification of A Myocyte Nuclear Factor That Binds to the Muscle-Specific Enhancer of the Mouse Muscle Creatine Kinase Gene", Molecular and Cellular Biology, 9(6): 2627-2640, 1989.					
		C160	Cepko "Overview of the Retrovirus Transduction System", Short Protocols in Molecular Biology, Unit 9.10-9.14: 9-41 - 9-57, 1984.					
		C161	Chen et al. "Fibroblast Growth Factor (FGF) Signaling Through PI 3-Kinase and Akt/PKB Is Required for Embryoid Body Differentiation", Oncogene, 19: 3750-3756, 2000. P.3752-3755.					

14

Page 5 of 9 Attorney Docket No.: 24024-505 CON

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.							
ML	C162	Chowdhury et al. "Long-Term Improvement of Hypercholesterolemia After Ex Vivo Gene Therapy in LDLR-Deficient Rabbits", Science, 254: 1802-1805, 1991.							
	C163	Colter et al. "CD34+ Progenitor Cell Selection: Clinical Transplantation, Tumor Cell Purging, Gene Therapy, E Vivo Expansion, and Cord Blood Processing", Journal of Hematology, 5: 179-184, 1996.							
	C164	Cristiano et al. "Hepatic Gene Therapy: Adenovirus Enhancement of Receptor-Mediated Gene Delivery and Expression in Primary Hepatocytes", Proc. Natl. Acad. Sci. USA, 90: 2122-2126, 1993.							
	C165	Curiel et al. "Adenovirus Enhancement of Transferrin-Polylysine-Mediated Gene Delivery", Proc. Natl. Acad. Sci. USA, 88: 8850-8854, 1991.							
	C166	Dabeva et al. "Transcription Factor and Liver-Specific mRNA Expression in Facultative Epithelial Progenitor Cells of Liver and Pancreas", American Journal of Pathology, 147: 1633-1648, 1995. Abstract.							
	C167	Dahl et al. "Tranformation of Hematopoietic Cells by the Ski Oncoprotein Involves Repression of Retinoic Acid Receptor Signaling", Proc. Natl. Acad. Sci. USA, 95(19): 11187-11192, 1998.							
	C168	Dai et al. "Gene Therapy Via Primary Myoblasts: Long-Term Expression of Factor IX Protein Following Transplantation In Vivo", Proc. Natl. Acad. Sci. USA, 89: 10892-10895, 1992.							
	C169	Dalyot et al. "Adult and Neonatal Patterns of Human Globin Gene Expressioon Are Recapitulated in Liquid Cultures", Experimental Hematology, 20: 1141-1145, 1992.							
	C170	Danos et al. "Safe and Efficient Generation of Recombinant Retroviruses With Amphotropic and Ecotropic Hos Ranges", Proc. Natl. Acad. Sci. USA, 85: 6460-6464, 1988.							
	C171	Datta et al. "Ionizing Radiation Activates Transcription of the EGR1 Gene Via CArG Elements", Proc. Natl. Acad. Sci. USA, 89: 10149-10153, 1992.							
	C172	Dexter et al. "Conditions Controlling the Proliferation of Haemopoietic Stem Cells In Vitro", Journal of Cell Physiology, 91: 335-344, 1976.							
1	C173	Ebner et al. "Distinct Roles for PI3K in Proliferation and Survival of Oligodendrocyte Progenitor Cells", Journal of Neuroscience Research, 62: 336-345, 2000. P.338-344.							
	C174	Eglitis et al. "Gene Expression in Mice After High Efficiency Retroviral-Mediated Gene Transfer", Science, 23(1395-1398, 1985.							
	C175	Englisch et al. "Chemically Modified Oligonucleotides as Probes and Inhibitors", Angewandte Chemie (International Edition in English), 30(6): 613-629, 1991.							
	C176	Ferry et al. "Retroviral-Mediated Gene Transfer Into Hepatocytes In Vivo", Proc. Natl. Acad. Sci. USA, 88: 83. 8381, 1991.							
	C177	Fibach et al. "Growth of Human Normal Erythroid Progenitors in Liquid Culture: A Comparison With Colony Growth in Semisolid Culture", International Journal of Cell Cloning, 9: 57-64, 1991.							
	C178	Fibach et al. "Normal Differentiation of Myeloid Leukemic Cells Induced by Differentiation-Indicing Protein", Nature, 237: 276-278, 1972.							
	C179	Fibach et al. "Proliferation and Maturation of Human Erythroid Progenitors in Liquid Culture", Blood, 73(1): 100-103, 1989. Abstract.							
	C180	Fibach et al. "Retinoic Acid Antagonist Inhibits CD38 antigen Expression on Human Hematopoietic Cells", Blood, 100(11): 172A & 44th Annual Meeting of the American Society of Hematology, 2002. Abstract.							
	C181	Fibach et al. "The Two-Step Liquid Culture: A Novel Procedure for Studying Maturation of Human Normal and Pathological Erythroid Precursors", Stem Cells, 11(Suppl.1): 36-41, 1993. Abstract.							
	C182	Filvaroff et al. "Functional Evidence for An Extracellular Calcium Receptor Mechanism Triggering Tyrosine Kinase Activation Associated With Mouse Keratinocyte Differentiation", The Journal of Biological Chemistry, 269(34): 21735-21740, 1994.							
	C183	Fishwild et al. "High-Avidity Human IgGx Monoclonal Antibodies From A Novel Strain of Minilocus Transger Mice", Nature Biotechnology, 14: 845-851, 1996.							
	C184	Flores et al. "Akt-Mediated Survival of Oligodendrocytes Induced by Neuregulins", The Journal of Neuroscience 20(20): 7622-7630, 2000. P.7624-7629.							
	C185	Flotte et al. "Expression of the Cystic Fibrosis Transmemebrane Conductance Regulators From A Novel Adeno-Associated Virus Promoter", The Journal of Biological Chemistry, 268(5): 3781-3790, 1993.							
Ψ	C186	Flotte et al. "Gene Expression From Adeno-Associated Virus Vectors in Airways Epithelial Cells", Amercan Journal of Respiratory Cell and Molecular Biology, 7: 349-356, 1992.							

Page 6 of 9 Attorney Docket No.: 24024-505 CON

	Cite	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS							
Exam initials	No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.							
ML	C187	Fosmire "Zinc Toxicity", American Journal of Clinical Nutrition, 51(2): 225-227, 1990. Abstract.							
	C188	Gagnon et al. "Activation of Protein Kinase B and Induction of Adipogenesis by Insulin in 3T3-L1 Preadipocytes", Diabetes, 48: 691-698, 1999. P.693-697.							
	C189	Gould-Fogerite et al. "Chimerasome-Mediated Gene Transfer In Vitro and In Vivo", Gene, 84: 429-438, 1989.							
	C190	Gur et al. "Toelrance Induction by Megadose Hematopoietic Progenitor Cells: Expansion of Veto Cells by Short- Term Culture of Purified Human CD34+ Cells", Blood, 99: 4174-4181, 2002.							
	C191	Haj-Ahmad et al. "Development of A Helper-Independent Human Adenovirus Vector and Its Use in the Transfer of the Herpes Simplex Virus Thymidine Kinase Gene", Journal of Virology, 57(1): 267-274, 1986.							
	C192	Hatayama et al. "Regulation of HSP70 Synthesis Induced by Cupric Sulfate and Zinc Sulfate in Thermotolerant HeLa Cells", Journal of Biochemistry, Tokyo, 114(4): 592-597, 1993. Abstract.							
	C193	Haylock et al. "Ex-Vivo Expansion and Maturation of Peripheral Blood CD34+ Cells Into the Myeloid Lineage" Blood, 80(5): 1405-1412, 1992.							
	C194	Hermonat et al. "Use of Adeno-Associated Virus as A Mammalian DNA Cloning Vector: Transduction of Neomycin Resistance Into Mammalian Tissue Culture Cells", Proc. Natl. Acad. Sci. USA, 81: 6466-6470, 1984.							
	C195	Herz et al. "Adenovirus-Mediated Transfer of Low Density Lipoprotein Receptor Gene Acutely Accelerates Cholesterol Clearence in Normal Mice", Proc. Natl. Acad. Sci. USA, 90: 2812-2816, 1993.							
	C196	Heuchel et al. "The Transcription Factor MTF-1 Is Essential for Basal and Heavy Metal-Induced Metallothionein Gene Expression", The EMBO Journal, 13(12): 2870-2875, 1994.							
	C197	Hoffman et al. "Zinc-Induced Copper Deficiency", Gastroenterology, 94(2); 508-512, 1988.							
	C198	Hoogenboom et al. "By-Passing Immunisation. Human Antibodies From Synthetic Repertoires of Germline VH Gene Segments Rearranged In Vitro", Journal of Molecular Biology, 227: 381-388, 1992.							
	C199	Huber et al. "Retroviral-Mediated Gene Therapy for the Treatment of Hepatocellular Carcinoma: An Innovative Approach for Cancer Therapy", Proc. Natl. Acad. Sci. USA, 88: 8039-8043, 1991.							
	C200	Hutvágner et al. "RNAi: Nature Abhors A Double-Strand", Current Opinion in Genetics & Development, 12: 225-232, 2002.							
	C201	Hwu et al. "Functional and Molecular Characterization of Tumor-Infiltrating Lymphocytes Transduced With Tumor Necrosis Factor-α cDNA for the Gene Therapy of Cancer in Humans", The Journal of Immunology, 150(9): 4104-4115, 1993.							
	C202	Inbar et al. "Localization of Antibody-Combining Sites Within the Variable Portions of Heavy and Light Chains' Proc. Natl. Acad. Sci. USA, 69(9): 2659-2662, 1972.							
	C203	Itoh et al. "Inhibition of Urokinase Receptor (uPAR) Expression by RNA-Cleaving Catalytic DNA (DNAzyme) Containing Antisense uPAR", Molecular Therapy, 5(5/Part 2): S134, 2002.							
	C204	Jones et al. "Replacing the Complementarity-Determining Regions in A Human Antibody With Those From A Mouse", Nature, 321: 522-525, 1986.							
	C205	Kaufman et al. "Translational Efficency of Polycistronic mRNAs and Their Utilization to Express Heterologous Genes in Mammalian Cells", The EMBO Journal, 6(1): 187-193, 1987.							
	C206	Kay et al. "Hepatic Gene Therapy: Persistent Expression of Human α1-Antitrypsin in Mice After Direct Gene Delivery In Vivo", Human Gene Therapy, 3: 641-647, 1992.							
	C207	Khachigian "DNAzymes: Cutting A Path to A New Class of Therapeutics", Current Opinion in Molecular Therapeutics, 4(2): 119-121, 2002.							
	C208	Kim "Differentiation and Identification of the Two Catalytic Metal Binding Sites in Bovine Lens Leucine Aminopeptidase by X-Ray Crystallography", Proc. Natl. Acad. Sci. USA, 90(11): 5006-5010, 1993.							
	C209	Kizaki et al. Regulation of Manganese Superoxide Dismutase and Other Antioxidant Genes in Normal and Leukemic Hematopoietic Cells and Their Relationship to Cytotoxicity by Tumor Necrosis Factor", Blood, 82(4): 1142-1150, 1993.							
V	C210	Köhler et al. "Defining Optimum Conditions for the Ex Vivo Expansion of Human Umbilical Cord Blood Cells. Influences of Progenitor Enrichment, Interference With Feeder Layers, Early-Acting Cytokines and Agitation of Culture Vessels", Stem Cells, 17(1: 19-24, 1999.							

Page 7 of 9 Attorney Docket No.: 24024-505 CON

	C211	Koizumi et al. "Large Scale Purification of Human Blood CD34+ Cells From Cryopreserved Peripheral Blood
ML		Stem Cells, Using A Nylon-Fiber Syringe System and Immunomagnetic Microspheres", Bone Marrow
		Transplantation, 26: 787-793, 2000.
-	C212	Lapidot et al. "Cytokine Stimulation of Multilineage Hematopoiesis From Immature Human Cells Engrafted in
	1	SCID Mice", Science, 255: 1137-1141, 1992.
	C213	Larrick et al. "PCR Amplification of Antibody Genes", Methods: A Companion to Methods in Enzymology, 2(2):
		106-110, 1991.
	C214	Lawlor et al. "Coordinate Control of Muscle Cell Survival by Distinct Insulin-Like Growth Factor Activated
		Signaling Pathways", The Journal of Cell Biology, 151(6): 1131-1140, 2000. P.1133-1139.
	C215	Lemarchand et al. "Adenovirus-Mediated Transfer of A Recombinant Human α1-Antitrypsin cDNA to Human Endothelial Cells", Proc. Natl. Acad. Sci. USA, 89: 6482-6486, 1992.
T	C216	Lewandowski et al. "Phosphatidylinositol 3-Kinases Are Involved in the All-Trans Retinoic Acid-Induced
	ļ	Upregulation of CD38 Antigen on Human Haematopoietic Cells", British Journal of Hematology, 118(2): 535-
		544, 2002. Fig. 8.
	C217	Li et al. "Activation of Phosphatidylinositol-3 Kinase (PI-3K) and Extracellular Regulated Kinases (Erk1/2) Is
		Involved in Muscarinic Receptor-Mediated DNA Synthesis in Neural Progenitor Cells", The Journal of
	<u> </u>	Neuroscience, 21(5): 1569-1579, 2001. P.1572-1578.
	C218	Lonberg et al. "Antigen-Specific Human Antibodies From Mice Comprising Four Distinct Genetic
_		Modifications", Nature, 368: 856-859, 1994.
	C219	Lonberg et al. "Human Antibodies From Transgenic Mice", International Review in Immunology, 13: 65-93,
	10000	1995.
	C220	Lutton et al. "Zinc Porphyrins: Potent Inhibitors of Hematopoieses in Animal and Human Bone Marrow", Proc.
	C221	Natl. Acad. Sci. USA, 94: 1432-1436, 1997.
	C221	Mader et al. "A Steroid-Inducible Promoter for the Controlled Overexpression of Cloned Genes in Eukaryotic
-	C222	Cells", Proc. Natl. Acad. Sci. USA, 90: 5603-5607, 1993.
	CEZE	Manome et al. "Coinduction of C-Jun Gene Expression and Internucleosomal DNA Fragmentation by Ionizing Radiation", Biochemistry, 32: 10607-10613, 1993.
	C223	Mar et al. "A Conserved CATTCCT Motif Is Required for Skeletal Muscle-Specific Activity of the Cardiac
		Troponin T Gene Promoter", Proc. Natl. Acad. Sci. USA, 85: 6404-6408, 1988.
1	C224	Marks et al. "By-Passing Immunization. Human Antibodies From V-Gene Libraries Displayed on Phage", Journal
		of Molecular biology, 222: 581-597, 1991.
_	C225	Marks et al. "By-Passing Immunization: Building High Affinity Human Antibodies by Chain Shuffling",
		Bio/Technology, 10: 779-783, 1992.
	C226	Martelli et al. "Transplants Across Human Leukocyte Antigen Barriers", Seminars in Hematology, 39(1): 48-56,
		2002.
	C227	McLaughlin et al. "Adeno-Associated Virus General Transduction Vectors: Analysis of Proviral Structures",
		Journal of Virology, 62(6): 1963-1973, 1988.
	C228	McNiece et al. "Action of Interleukin-3, G-CSF on Highly Enriched Human Hematopoietic Preogenitor Cells:
	1	Synergistic Interaction of GM-CSF Plus G-CSF", Blood, 74: 110-114, 1989.
	C229	McNiece et al. "CD34+ Cell Selection From Frozen Cord Blood Products Using the Isolex 300i and CliniMACS
<u> </u>	-	CD34 Selection Devices", Journal of Hematotherapy, 7: 457-461, 1998.
	C230	Migliaccio et al. "Long-Term Generation of Colony-Forming Cells in Liquid Culture of CD34+ Cord Blood Cells
_	0004	in the Presence of Recombinant Human Stem Cell Factor", Blood, 79: 2620-2627, 1992.
	C231	Miller "Progress Toward Human Gene Therapy", Blood, The Journal of the American Society of Hematology,
	Casa	76(2): 271-278, 1990.
	C232	Morier-Teissier et al. "Synthesis and Antitumor Properties of An Anthraquinone Bisubstituted by the Copper
	C233	Chelating Peptide Gly-Gly-L-His", Journal of Medical Chemistry, 36: 2084-2090, 1993. Abstract.
		Morrison "Success in Specification", Nature, 368(6474): 812-813, 1994.
- 1	C234	Muench et al. "Interactions Among Colony-Stimulating Factors, IL-1B, IL-6, and Kit-Ligand in the Regulation of
		I Primitive Murine Hematonoietic Cells" Experimental Hematology 20: 330-340-1002
$\checkmark\!$	C235	Primitive Murine Hematopoietic Cells", Experimental Hematology, 20: 339-349, 1992. Muzyczka "Use of Adeno-Associated Virus as A General Transduction Vector for Mammalian Cells", Current

Page 8 of 9 Attorney Docket No.: 24024-505 CON

M	L C236	Narita et al. "Cardiomycyte Differentiation by GATA-4-Deficient Embryonic Stem Cells", Development, 122(19): 3755-3764, 1996.
ŀ	C237	Neuberger "Generating High-Avidity Human Mabs in Mice", Nature Biotechnology, 14: 826, 1996.
	C238	Nicolau et al. "Liposomes as Carriers for In Vivo Gene Transfer and Expression", Methods in Enzymology, 149(Chap.16): 157-176, 1987.
	C239	Okazaki et al. "Characteristics and Partial Purification of A Novel Cytosolic, Magnesium-Independent, Neutral Sphingomyelinase Activated in the Early Signal Transduction of 10,25-Dihydroxyvitamin D3-Induced HL-60 Cell Differentiation", The Journal of Biological Chemistry, 269(6): 4070-4077, 1994.
	C240	Oliveras et al. "Copper As An Essential Nutrient", Am. J. Clin. Nutr., 63:791S-796S, 1996.
	C241	Pack et al. "Improved Bivalent Miniantibodies, With Identical Avidity as Whole Antibodies, Produced by High Cell Density Fermentation of Escherichia Coli", Bio/Technology, 11: 1271-1277, 1993.
	C242	Percival et al. "Copper Is Required to Maintain Cu/Zn-Superoxide Dismutase Activity During HL-60 Cell Differentiation", Proc. Soc. Exp. Biol. Med., 203: 78-83, 1993.
	C243	Petersen et al. "Hepatic Oval Cells Express the Hematopoietic Stem Cell Marker Thy-1 in the Rat", Hepatology, 27(2): 433-445, 1998.
	C244	Pickart et al. "Growth Modulating Plasma Tripeptide May Function by Facilitating Copper Uptake Into Cells", Nature, 288(18/25): 715-717, 1980. Abstract. P.716, Col.2, Line1.
	C245	Porter "The Hydrolysis of Rabbit y-Globulin and Antibodies With Crystalline Papain", Biochemical Journal, 73: 119-126, 1959.
	C246	Presta "Antibody Engineering", Current Opinion in Structural Biology, 2: 593-596, 1992.
	C247	Purdy et al. "Large Volume Ex Vivo Expansion of CD34+-Positive Hematopoietic Progenitor Cells for Transplantation", Journal of Hematotherapy, 4: 515-525, 1995.
	C248	Quantin et al. "Adenovirus as An Expression Vector in Muscle Cells In Vivo", Proc. Natl. Acad. Sci. USA, 89: 2581-2584, 1992.
	C249	Reeves et al. "High Zinc Concentrations in Culture Media Affect Copper Uptake and Transport in Differentiated Human Colon Adenocarcinoma Cells", Journal of Nutrition, 126(6): 1701-1712, 1996. Abstract.
·	C250	Reid et al. "Interactions of Tumor Necrosis Factor With Granulocyte-Macrophage Colony-Stimulating Factor and Other Cytokines in the Regulation of Dendritic Cell Growth In Vitro From Early Bipotent CD34+ Progenitors in Human Bone Marrow", Journal of Immunology, 149(8): 2681-2688, 1992. Abstract. P.2686, Col.1, 2nd §, P.2682, Col.1, 2nd §.
	C251	Riechmann et al. "Reshaping Human Antibodies for Therapy", Nature, 332: 323-327, 1988.
	C252	Rosenfeld et al. "Adenovirus-Mediated Transfer of A Recombinant al-Antitrypsin Gene to the Lung Epithelium In Vivo", Science, 252: 431-434, 1991.
	C253	Rosenfeld et al. "In Vivo Transfer of the Human Cystic Fibrosis Transmembrane Conductance Regulator Gene to the Airway Epithelium", Cell, 68: 143-155, 1992.
	C254	Rowley et al. "Isolation of CD34+ Cells From Blood Stem Cell Components Using the Baxter Isolex System", Bone Marrow Transplantation, 21: 1253-1262, 1998.
	C255	Sammons et al. "Mechanisms Mediating the Inhibitory Effect of All-Trans Retinoic Acid on Primitive Hematopoietic Stem Cells in Human Long-Term Bone Marrow Culture", Stem Cells, 18(3): 214-219, 2000.
	C256	Samulski et al. "Helper-Free Stocks of Recombinant Adeno-Associated Viruses: Normal Integration Does Not Require Viral Gene Expression", Journal of Virology, 63(9): 3822-3828, 1989.
	C257	Sato et al. "In Vitro Expansion of Human Peripheral Blood CD34+ Cells", Blood, 82(12): 3600-3609, 1993.
	C258	Sauve et al. "Mechanism-Based Inhibitors of CD38: A Mammalian Cyclic ADP-Ribose Synthetase", Biochemistry, 41(26): 8455-8463, 2002.
	C259	Schwartz et al. "In Vitro Myelopoiesis Stimulated by Rapid Medium Exchange and Supplementation With Hematopoietic Growth Factors", Blood, 78(12): 3155-3161, 1991.
	C260	Seed "An LFA-3 cDNA Encodes A Phospholipid-Linked Membrane Protein Homologous to Its Receptor CD2", Nature, 329: 840-842, 1987.
Λ	C261	Selden "Transfection Using DEAE-Dextran", Short Protocols in Molecular Biology, Unit 9.2: 9-9 - 9-11, 1984.
▼	C262	Selden et al. "Optimization of Transfection", Short Protocols in Molecular Biology, Unit 9.4: 262-263, 1984.

Page 9 of 9 Attorney Docket No.: 24024-505 CON

ML	C263	Slavin et al. "Donor Lymphocyte Infusion: The Use of Alloreactive and Tumor-Reactive Lymphocytes for Immunotherapy of Malignant and Nonmalignant Diseases in Conjunction With Allogeneic Stem Cell Transplantation", Journal of Hematotherapy & Stem Cell Research, 11: 265-276, 2002.
	C264	
		Slavin et al. "Treatment of Leukemia by Alloreactive Lymphocytes and Nonmyeloablative Stem Cell Transplantation", Journal of Clinical Immunology, 22(2): 64-69, 2002.
	C265	Spencer et al. "Controlling Signal Transduction With Synthetic Ligands", Science, 262: 1019-1024, 1993.
	C266	Takeshita et al. "Selective Stimulation by Ceramide of the Expression of the a Isoform of Retinoic Acid and Retinoid X Receptors in Osteoblastic Cells", Journal of Biological Chemistry, 275(41): 32220-32226, 2000.
	C267	Tratschin et al. "A Human Parvovirus, Adeno-Associated Virus, as A Eucaryotic Vector: Transient Expression and Encapsidation of the Procaryotic Gene for Chloramphenicol Acetyltransferase", Molecular and Cellular Biology, 4(10): 2072-2081, 1984.
	C268	Tratschin et al. "Adeno-Associated Virus Vector for High-Frequency Integration, Expression, and Rescue of Genes in Mammalian Cells", Molecular and Cellular Biology, 5(11): 3251-3260, 1985.
	C269	Tratschin et al. "Genetic Analysis of Adeno-Associated Virus: Properties of Deletion Mutants Constructed In Vitro and Evidence for An Adeno-Associated Virus Replication Function", Journal of Virology, 51(3): 611-619, 1984.
	C270	Tuba et al. "Synthesis and Structure - Activity Relationships of Neuromuscular Blocking Agents", Current Medicinal Chemistry, 9: 1507-1536, 2002.
	C271	Van Beusechem et al. "Long-Term Expression of human Adenosine Deaminase in Rhesus Monkeys Transplanted With Retrovirus-Infected Bone-Marrow Cells", Proc. Natl. Acad. Sci. USA, 89: 7640-7644, 1992.
	C272	Verfaillie "Can Human Hematopoietic Stem Cells Be Cultured Ex Vivo?", Stem Cells, 12(5): 466-476, 1994. Abstract.
	C273	Verfaillie "Direct Contact Between Human Primitive Hematopoietic Progenitors and Bone Marrow Stroma Is Not Required for Long-Term In Vitro Hematopoiesis", Blood, 79(11): 2821-2826, 1992.
	C274 .	Verhoeyen et al. "Reshaping Human Antibodies: Grafting An Antilysozyme Activity", Science, 239: 1534-1536, 1988.
	C275	Wall et al. "Inhibition of the Intrinsic NAD+ Glycohydrolase Activity of CD38 by Carbocyclic NAD Analogues", Biochemical Journal, 335(3): 631-636, 1998.
	C276	Wang et al. "PH-Sensitive Immunoliposomes Mediate Target-Cell-Specific Delivery and Controlled Expression of A Foreign Gene in Mouse", Proc. Natl. Acad. Sci. USA, 84: 7851-7855, 1987.
	C277	Whitlow et al. "Single-Chain Fv Proteins and Their Fusion Proteins", Methods: A Companion to Methods in Enzymology, 2(2): 97-105, 1991.
	C278	Wilson et al. "Hepatocyte-Directed Gene Transfer In Vivo Leads to Transient Improvement of Hypercholesterolemia in Low Density Lipoprotein Receptor-Deficient Rabbits", The Journal of Biological Chemistry, 267(2): 963-967, 1992.
	C279	Wilson et al. "Retrovirus-Mediated Transduction of Adult Hepatocytes", Proc. Natl. Acad. Sci. USA, 85: 3014-3018, 1988.
	C280	Wolff et al. "Direct Gene Transfer Into Mouse Muscle In Vivo", Science, 247: 1465-1468, 1990.
	C281	Wondisford et al. "Cloning of the Human Thyrotropin & Subunit Gene and Transient Expression of Biologically Active Human Thyrotropin After Gene Transfection", Molecular Endocrinology, 2: 32-39, 1988.
V	C282	Wu et al. "Receptor-Mediated Gene Delivery and Expression In Vivo", The Journal of Biological Chemistry, 263(29): 14621-14624, 1988.

^{*} By the waiver of 37 CFR 1.98(a)(2)(i) copies of the U.S. Patents A60-A141 and U.S. Published Applications A142-A148 are not submitted.

Examiner Signature /Maria Leavitt/	Date Considered	01/08/2007
------------------------------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Express Mail No.: EV 869861491 US Date of Deposit: November 15, 2006



Page 1 of 1 Attorney Docket No.: 24024-505 CON

Please type a plus sign (+) in this box

PTO/SB (12-97)
Approved for use through 9/30/00. OMB 0651-0031
smark Office: U.S. DEPARTMENT OF COMMERCE

Modified Form 1449/PTO						Application Number	r	10/774,843			
INFORMATION DISCLOSURE						Filing Date		February 9, 2004			
						First Named Invento	or .	Peled			
	STA	TEMEN	IT BY API	PLICANT		Group Art Unit		1633 Anne Marie Sabrina Wehbe			
				,		Examiner Name					
	(use	as man	y sheets as n	ecessary)		Attorney Docket Num	nber	24024-5	05 CON		
					U.S	PATENT DOCUMENTS					
Exam Initials	Cite No. U.S. Patent Document No.		Issue Date Name		of Patentee(s) or Applicant(s)		Class	Sub Class	Filing Date If Appropriate		
		ļ			ļ				ļ <u>.</u>	<u> </u>	
	<u> </u>					HED ADDI JOATION DOG				<u></u>	
Exam	Cite		. Published	127 7 7 7		HED APPLICATION DOC me of Patentee(s) or Appli	A	Class	Sub	Filin	g Date
Initials	No.								Class	if Appropriate	
	 	┿┈		 	- 						
		<u> </u>			FORFI	GN PATENT DOCUMEN		:			
Exam Initials	Cite No.	ite Foreign Patent Document Name			of Patentee(s) or Applicant(s)		Date of Publication		Translation Yes No		
ML	ML B24		WO 94/18991		CELTF	X PHARMACEUTICALS, INC.		09/01/94			
4		118.8		ATUED DOI	D APT	– NON PATENT LITERAT	ILIPE DOCUM	ENTE	se et jij.	1.6 Mg	
Exam	Cite	Т.				- Andrews					
Initials	No.										
ML C283 International Search Report for PCT/IL03/00064, mailed October 17, 2006.											
									-		
а сору	of this	referer	ice is not p	provided as	it was p	previously cited by or su	ubmitted to th	e office i	n a prior a	application	on.
erial No).		. filed			, and relied u and divisional application	oon for an ea	rlier filing	date und	ler	
Examiner Signature		/Maria Leavitt/				r	01/09/2007				

citation if not in conformance and not considered. Include copy of this form with next communication to applicant.